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File No. 32.0408

IPP

INTERMOUNTAIN POWER PROJECT
A DEVELOPMENT OF INTERMOUNTAIN POWER AGENCY

June 30, 1983

Mr. Brent C. Bradford
Executive Secretary
Utah Air Conservation Committee
150 West North Temple
Salt Lake City, Utah 84110

Dear Mr. Bradford:

Errata Pages for
Cost Analysis of Various NOx and SO_2 Control
Technologies for the Intermountain Power Project

Enclosed are a list of errors and corrections for the Black & Veatch report, "Cost Analysis of Various NOx and SO_2 Control Technologies for the Intermountain Power Project", submitted as enclosure 2 of our June 22, 1983 letter. These changes were conveyed by telephone to a member of your staff on June 23, 1983.

If you or your staff require any additional information, please contact Mr. Roger T. Pelote at (213) 481-3412.

Sincerely,

JAMES H. ANTHONY
Project Director
Intermountain Power Project

TLC:gp
Enclosure

cc: Mr. D. Kircher w/Enclosure
EPA Region VIII
1860 Lincoln Street
Denver, Colorado 80295

Mr. Roger T. Pelote w/Enclosure

See attached list

Project Manager/Department of Water and Power City of Los Angeles
111 North Hope Street, Los Angeles, California/Mailing Address: P.O. Box 111-Room 931 Los Angeles, California 90051

bcc: Mr. Henry V. Nickel w/Enclosure
Hunton & Williams
1919 Pennsylvania Avenue, N.W.
Washington, D.C. 20036

Mr. James A. Holtkamp w/Enclosure
Van Cott, Bagley, Cornwall & McCarthy
Suite 1600
50 South Main Street
Salt Lake City, Utah 94144

Mr. Lowell L. Smith w/Enclosure
Manager, Western Engineering Division
KVB
P.O. Box 19518
Irvine, California 92714

Mr. Donald O. Swenson w/Enclosure
Project Air Pollution Control Systems Engineer
Black and Veatch Consulting Engineers
P.O. Box 8405
Kansas City, Missouri 64114

Mr. Ronald L. Rencher w/Enclosure
Acting General Manager
Intermountain Power Agency
The Atrium, Suite 101
5250 South 300 West
Murray, Utah 84107

Ms. Ann Garnett w/Enclosure
Public Affairs Manager
Intermountain Power Agency
The Atrium, Suite 101
5250 South 300 West
Murray, Utah 84107

D. W. Waters
D. Hyska
J. H. Anthony w/Enc.
V. L. Pruett
R. L. Nelson w/Enc.
B. Campbell w/Enc.
IPP File w/Enc.
Robert C. Burt
Patrick P. Wong
A. S. Buchanan
E. N. Friesen
S. R. Seid
J. J. Carnevale w/Enc.
N. F. Bassin w/Enc.
R. E. Gentner w/Enc.
D. W. Fowler w/Enc.
D. J. Waters
T. L. Conkin w/Enc.
Luis E. Escalante
Sr. Engr. of APERA w/Enc.
L. A. Kerrigan w/Enc.

Errata pages for Black & Veatch's special report entitled "Cost Analysis of Various NO_x and SO_2 Control Technologies for the Intermountain Power Project", File No. 9255.41.1007, Issued Date and Revision No. 061783-0.

1. Page 3-3, Table 3-1: for Ammonia Vaporization Fuel consumption rate change to (17,000 MBtu/yr) instead of (1,700 MBtu/yr).

2. Page 3-4, Table 3-2: under Present Worth Costs (July 1986 dollars); (1) for Total capital costs, in the Units 1 and 2 Capital Costs column, change to read 4,214.8 instead of 4,214.9, (2) for Replacement power costs due to delay, in the Units 1 and 2 Capital Costs column, change to read 821.2 instead of 821.3, (3) for Total cost for Selective Catalytic Reduction, in the Unit 1 Capital Costs column, change to read 4,252.4 instead of 4,252.5, and in the Units 1 and 2 Capital Costs column, change to read 5820.8 instead of 5821.0, (4) for Equivalent differential capital costs with Selective Catalytic Reduction, in the Unit 1 Capital Costs column, change to read 828.0 instead of 828.1, and in the Units 1 and 2 Capital Costs column, change to read 1693.6 instead of 1693.7.

3. Page 3-5, Table 3-3: for Indirect costs at 14 per cent, in the Units 1 and 2 Capital Costs column, change to read 20.0 instead of 16.6.

4. Page 3-11, Table 3-7: for Total direct costs, in the Units 1 and 2 Capital Costs column, change to read 10.3 instead of 0.3.

5. Page 3-16, Table 3-10: (1) for Project Capital Cost (As Spent Dollars), in the Unit 2 Capital Costs column, change to read 628.0 instead of 629.0., (2) for Total Capital Expenditure With Thermal DeNO$_x$ (July 1983 dollars), in the Unit 2 Capital Costs column, change to read 542.5 instead of 524.5.

6. Page 3-18, Table 3-12: under Total Capital Costs, change to read Unit 1-July 1987 dollars instead of Unit 1-July 1986 dollars and change to read Unit 2-July 1988 dollars instead of Unit 2-July 1987 dollars.

7. Page 4-4, Table 4-1: under Capitalized Annual Costs of Operation (July 1986 Dollars), (1) after Demand, add (11,000kW), (2) after Energy, add (69.GWh), (3) after Limestone additive, add (2,000 lb/hr), and (4) after Adipic acid, add (120 lb/hr).

8. Page 4-5, Table 4-2: under Present Worth Costs (July 1986 Dollars), (1) for Replacement power costs due to delay, in the Units 1 and 2 Capital Costs column, change to read 821.2 instead of 821.3, (2) for Total costs for 95 per cent SO_2 removal, in the Units 1 and 2 Capital Costs column, change to read 5124.9 instead of 5125.0, (3) for Equivalent differential capital cost with 95 per cent SO_2 removal, in the Unit 1 Capital Costs column, change to read 474.3 instead of 474.4, and in the Units 1 and 2 Capital Costs column, change to read 997.7 instead of 997.8.

9. Page 4-6, Table 4-3: under Capitalized Annual Costs of Operation (July 1986 Dollars), (1) after Demand, add (11,000 kW), (2) after Energy, add (69.GWh), (3) after Limestone additive, add (2,000 lb/hr), (4) after Adipic acid, add (120 lb/hr), (5) after ID fan energy, add (6.9 GWh), and (6) after ID fan demand, add (1,100 kW).

10. Page 4-7, Table 4-4: under Total Capital Costs, (1) change to read Unit 1-January 1989 dollars instead of Unit 1-January 1988 dollars, and (2) change to read Unit 2-January 1990 dollars instead of Unit 2-January 1989 dollars; under Present Worth Costs (July 1986 dollars), (3) for Replacement power costs due to installation outage, in the Units 1 and 2 Capital Costs column, change to read 821.2 instead of 821.3, and (4) for Equivalent differential capital costs associated with provisions for 95 per cent SO_2 removal, in the Unit 1 Capital Costs column, change to read 561.7 instead of 561.8.